## AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

**Listing of Claims:**

Claims 1-12 (Cancelled).

Claim 13 (New): A method for controlling a computerized device by a multi-contact touch screen to acquire multiple tactile information, the method comprising:

displaying a graphical object on the multi-contact touch screen at an object position;

associating a processing rule to the graphical object;

detecting a plurality of touch points on the multi-contact touch screen and acquiring a plurality of positional information corresponding to the plurality of touch points;

applying the processing rule of the graphical object as a function of a relative position of the positional information towards the object position; and

modifying at least one of the graphical object or the object position based on a result of said processing.

Claim 14 (New): The method according to Claim 13, wherein said step of detecting further comprises:

sequentially scanning rows and columns of the multi-contact touch screen.

Claim 15 (New): The method according to Claim 13, wherein the calculating step further includes:

generating a plurality of contact zones from the plurality of touch points;

first calculating a bounding zone for each the plurality of contact zones; and

second calculating a plurality of cursor positions for each of the plurality of contact

zones, respectively.


Claim 16 (New): The method according to Claim 15, wherein said step of second

calculating further calculates the plurality of cursor positions based on a barycenter of a

respective bounding zone.


Claim 17 (New): The method according to Claim 13, further comprising:

displaying a plurality of graphical objects on the screen, each of the plurality of

objects associated to a separate processing rule.


Claim 18 (New): The method according to Claim 13, wherein said step of detecting

further comprises:

measuring an electrical characteristic of row-column intersections by sequentially

scanning rows and columns of the multi-contact touch screen.


Claim 19 (New): The method according to Claim 18, wherein said electrical

characteristic is a voltage.


Claim 20 (New): A device to control a computerized apparatus comprising:

memory to store a plurality of graphical objects and a plurality of processing rules that

are associated to the plurality of graphical objects, respectively;

a multi-contact touch screen to detect a plurality of touch points and to acquire a

plurality of positional information corresponding to the plurality of touch points;

a graphic display unit to display a graphical object from said plurality of graphical

objects at an object position; and

a processor configured to process a processing rule of the plurality of processing rules

associated to the graphical object as a function of a relative position of the positional

information towards the object position, and configured to modify at least one of the

graphical object or the object position based on a result of said processing said processing

rule.

Claim 21 (New):  The device according to Claim 20, wherein the multi-contact touch

screen comprises:

a transparent matrix sensor.

Claim 22 (New) : The device according to Claim 21, wherein the transparent matrix

sensor includes an array of a plurality of conductive rows and columns.

Claim 23 (New) : The device according to Claim 22, wherein the conductive rows and

columns are made of Indium Tin Oxyde (ITO).

Claim 24 (New): The device according to Claim 22, wherein the conductive rows are

insulated from the conductive columns by an insulation layer.

Claim 25 (New):  The device according to Claim 20, further comprising:

a controller configured to sequentially scan rows and columns of the matrix sensor to

measure an electrical characteristic of row-column intersections to detect the plurality of

touch points.

Claim 26 (New) : The device according to Claim 25, wherein the electrical characteristic of row-column intersections is a voltage.

Claim 27 (New): The device according to Claim 20, wherein the processor is further configured to generate a plurality of contact zones from the plurality of positional information, configured to calculate a bounding zone for each of the plurality of contact zones, and configured to calculate cursor positions for each of the plurality of contact zones, respectively.

Claim 28 (New): The device according to Claim 27, wherein said processor is further configured to calculate the cursor positions based on a barycenter of a respective bounding zone.